Packet-Radio Digest   Mon, 7 Jun 93   Volume 93 : Issue 158

Today's Topics:
                        Friendly BBS Systems
                          Internet Gateway
                     Internet to Packet gateway
             ka9q - "Radio Pakets" More info please...
                    Looking for plug n' play WAMPES
                     rsgb gb2rs news 6th june 1993
                        TAPR 1.1.3 upgrade info?

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 4 Jun 93 09:47:39 GMT
From: news-mail-gateway@ucsd.edu
Subject: Friendly BBS Systems
To: packet-radio@ucsd.edu

From: OY9JD@GB7CYM.#19.GBR.EU
To : PRAGA@PI8VNW.#ZH2.NLD.EU

I am in the process of setting up a NOS station and to encourage the use I would
like to include a "user friendly" full feature
PBBS for AX25 users mainly.

Has anyone got any ideas or personal experience of the best way of implementing
the link from NOS, what S/W they used (or would
use) and exactly how it would be set up. I would look if possible to run the PBBS
on the same box.

Thanks

John   G0/OY9JD@GB7CYM

PLEASE reply to the list, NOT to the From: address
because this mail is sent through a one-way gateway!

Date: Sun, 06 Jun 93 07:00:44 MST
From: swrinde!gatech!asuvax!ennews!stat!david@network.UCSD.EDU
Subject: Internet Gateway
To: packet-radio@ucsd.edu

                        How to Use the WB7TPY
                     Packet <-> Internet Gateway

First, some brief operational notes:

(1) Messages must not contain any foul language, or commercial purpose.
(2) Messages can only be sent to countries that the United States has
    a third-party agreement. All others will be destroyed.
(3) Messages from the internet should be less then 5K in length.
    No files should be sent.
(4) If you have questions, please do not hesitate to contact me either on
    packet radio: WB7TPY@WB7TPY.AZ.USA.NA   -or-
    Internet   : david@stat.com   -or-
    Fidonet   : David Dodell @ 1:114/15

(5) Have fun. Use the gateway as much as you like. That is what it is
    there for.

                     From Internet to Packet

Send mail to the internet address of:

gate@wb7tpy.ampr.org

The first line of text must contain a full packet address, preceded with the
word "Packet:"

For example, mail to my packet address, would have the first line of text;

Packet: wb7tpy@wb7tpy.az.usa.na

                          From Packet to Internet

Send as private mail (never a bulletin) to the packet address of:

gate@wb7tpy.az.usa.na

The first line of text must contain a full domained internet address,
proceeded with the word "Internet:"

For example, mail to my internet address, would have the first line of text;

Internet: david@stat.com

      Internet: david@stat.com   FAX: +1 (602) 451-6135
      Bitnet: ATW1H@ASUACAD   FidoNet=> 1:114/15
              Amateur Packet ax25: wb7tpy@wb7tpy.az.usa.na

Date: 7 Jun 93 12:54:34 +1000
From: munnari.oz.au!newshost.anu.edu.au!sserve!hhcs.gov.au!hhcs.gov.au!
news@network.UCSD.EDU
Subject: Internet to Packet gateway
To: packet-radio@ucsd.edu

In article <jfhC7rxqK.1BA@netcom.com> Jack F. Hamilton, jfh@netcom.com writes:

> How are the rules in Australia different? Would you not be responsible for
> messages going through your packet station, or are the rules for usage of
> amateur radio less strict?

The current rules are stricter that in the US in most parts but in
others are far laxer.

There are new rules coming though which will make it quite free and
easy in many ways. We're sorta in limbo at the moment waiting for
the damn things to be made law.

Carl.
--
Carl Makin (VK1KCM)
Internet: makinc@hhcs.gov.au
Amprnet: vk1kcm@vk1kcm.act.aus.oc
"Life is something to do when you can't get to sleep."
                          - Fran Lebowitz

Date: 6 Jun 93 23:59:03 GMT
From: pacbell.com!amdahl!amdahl!ikluft@network.UCSD.EDU
Subject: ka9q - "Radio Pakets" More info please...
To: packet-radio@ucsd.edu

smithnathanc@bvc.edu writes in comp.protocols.ppp:
>This may not be appropriate for this group but...

>I FTP'd a copy of ka9q and have been laboring over the docs. The "Packet
>radio" interface has me very curious. Can anybody point me to a place to
>look for more information on this very different networking system? Books
>or FTP-able documentation would be good. Thanks to anyone who has any
>pointers.

You need a Ham Radio license for that. Check out rec.radio.amateur.packet
for info on packet radio and rec.radio.amateur.misc for info on licensing.
Also see any Ham Radio supply store. Some bookstores also carry info on
Amateur Radio. If you know any Hams, they can probably also be very helpful
with this question.

The no-code Technician licence (i.e. no Morse Code) is the class of license
you would want to study for in order to get packet radio privileges.

[NOTE: since this may change some of the info above, if the UseNet vote in
progress passes, rec.radio.amateur.packet will be split into
rec.radio.amateur.digital.misc and rec.radio.amateur.digital.tcp-ip. Results
will be available some time after June 9.]
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Ian Kluft KD6EUI PP-ASEL   Amdahl Corporation, Open Systems Development
ikluft@uts.amdahl.com   Santa Clara, CA
[disclaimer: any opinions expressed are mine only... not those of my employer]

Date: Sat, 5 Jun 1993 12:29:59 GMT
From: sdd.hp.com!spool.mu.edu!mixcom.com!Glenn.Butzlaff@network.UCSD.EDU
Subject: Looking for plug n' play WAMPES
To: packet-radio@ucsd.edu

Hello to the network
I am looking for a site where I might be able to ftp a precompiled
WAMPES for Linux. I have a very basic system configured, so disk
space and memory for compiling isnt there. Any help will be greatly
appreciated. Thanks in advance.

Glenn Butzlaff

Internet - Glenn.Butzlaff@mixcom.com
PBBS   - we9k@we9k.wi.usa.noam
AMPRnet - we9k@we9k.ampr.org [44.92.1.52]
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Date: Sat, 5 Jun 1993 06:18:57 GMT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!newsrelay.iastate.edu!destroyer!
cs.ubc.ca!alberta!adec23!ve6mgs!rec-radio-info@network.UCSD.EDU
Subject: rsgb gb2rs news 6th june 1993
To: packet-radio@ucsd.edu

Good morning. It's Sunday the 6th of June and here is the GB2RS news
broadcast, prepared by the Radio Society of Great Britain.

And we start with a special 'good morning' to all taking part in the RSGB
National Field Day Contest.

First the headlines:- Look out for GB5SAW and GB2SEG this week; there's
another Microwave Round Table this month; and bookings for the AMSAT-UK
Colloquium are due in by the end of the month.

The callsign GB5SAW will be aired by the South-East Essex Sixth Form College
from tomorrow, Monday the 7th until Friday the 11th, under the guidance of
George, G1VCY. The idea is to introduce the students to the fascination of
amateur radio. Operation will be on 2 metre and 70 centimetre, SSB, FM and
Packet between 10am and 4pm. If you hear them, why not call in? If you are
unable to call during the operating periods, then send a packet message to
GB5SAW @ GB7DUG. Last years event was an unqualified success and an even
better response is hoped for this year.

News now of an expedition by the Scottish Expedition Group to Buchan Ness, the
most easterly point on the Scottish mainland. The callsign GB2SEG will be
aired from next Friday the 11th through to Sunday the 13th. The WAB square is

NK14 and the locator is IO97CL. For further information contact George, GM2TW on 0324 715624.

All listeners to this broadcast, whether RSGB members or not, are invited to the RSGB Headquarters Open Day on Saturday the 19th of June. This is a chance to tour the Society's administrative Headquarters, visit the GB3RS shack and see the QSL Bureau, Library and Museum. Doors are open between 10.30 am and 4.30 pm. Staff and volunteers will be on hand to answer queries, and the book shop will be open all day. A map of how to get there can be found in the June edition of Radio Communication, or call Belinda Gannon on 0707 659015 for details.

There will be another RSGB Microwave Round Table meeting on Sunday the 20th of June. Organised by the RSGB Southern Microwave Group, the event will be at the Crawley Amateur Radio Club premises at Pease Pottage, near Crawley, West Sussex, and it will commence at 10am. The attractions include: Technical talks, power and noise figure measurements, travelling wave tube demonstration and the usual round table discussions. There will also be a bring and buy stand. Hot drinks and snacks will be available. For further details telephone Mike, G3LYP on 0494 881298.

The Annual AMSAT-UK Colloquium takes place from the 29th of July to the 2nd of August. Full details of this major event for those interested in satellites can be obtained by writing to AMSAT-UK, 94 Herongate Road, Wanstead Park, London E12 5EQ. Completed booking forms for those attending and needing accommodation should be returned to AMSAT-UK, by the 1st of July.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO. From the Bahamas, N4JQQ will sign C6AFP from the Island of Great Abaco, from tomorrow, Monday the 7th for one week. Main activity will be on 6 metres, but some WARC band and CW operation is also likely. From Svalbard, LA6MY is signing JW6MY from now until September, using CW only. From Ile Verte, a French group will use the callsign TM5IV from Friday the 11th, until Monday the 14th of June.

Rally news now and we know of one Rally for today, Sunday, the 6th of June:

The 25th Spalding Mobile Rally is being held at the Springfield Gardens, Spalding. Doors open at 10.00am. There are trade stands, a flea market and radio boot sales. All trade stands and the flea market will be under cover in the new Exhibition Halls. Morse testing will be available on demand and refreshments will be on hand. The entrance fee includes entry to Springfield Gardens.

We know of two rallies for Sunday the 13th of June:

Elvaston Castle National Radio Rally is to be held at the Elvaston Castle Country Park, near Derby. The Show ground is located five miles South East of

Derby on the B5010 road and is well signposted. There will be over 150 trade stands, together with all the usual attractions including the grand bring and buy marquee. There is also a flea market which will open at 9am and a craft marquee. Children's entertainments will take place through the day, also there will be live band performances during the day. Refreshment will be available. Talk-in will be on 2 metre and 70 centimetres via GB2ECR. Further details from John, G4PZY on 0332 767994.

The Royal Naval Amateur Radio Society Annual Mobile Rally is to be held at the Sports Field, HMS Collingwood, Fareham, Hants. Doors open at 10.00am. The event features dozens of trade stands of interest to radio amateurs and computer enthusiasts. Also children's amusements and other attractions for all the family. Refreshments will be available. Talk-in will be on 2 metre and 70 centimetres. Details from Cliff, G4UJR on 0703 557469.

And we have news of three other events later this summer:

The organisers of the Longleat Amateur Radio Rally are apparently suffering from an incorrect rumour concerning entrance prices. It is quite untrue that it will cost over ten pounds a head, the entrance will be a modest increase on last year at 2.50 for adults, 2.00 for pensioners and 50 pence for children.

The Scarborough Amateur Radio Society regrets that due to circumstances beyond its control, the Radio and Electronics and Computer Rally planned for the 25th of July has had to be cancelled. However, the club is pleased to announce that next year's Rally will be held on the 29th of August 1994, Bank Holiday Monday, at the Spa on Scarborough Sea front. For further information contact Ross, G4ZNZ on 0723 514767.

A new event is the East Yorkshire Radio Rally which will be held at the Beverley Racecourse on Sunday the 25th of July. There will be trade stands, special interest groups, plus a bring and buy stall. Traders or others interested should contact Peter, G4EJP on 0964 550397 evening or 0964 550921 during working hours.

HF contest news now:

The RSGB's HF National Field Day is taking place this weekend, finishing today, the 6th at 1500GMT. An article celebrating 60 years of NFD can be found in June's RadCom. The All Asian CW Contest runs from 0000 on Saturday the 19th to 2400 on Sunday the 20th. All bands from 160 to 10 Metres will be used, but excluding the WARC bands. Contest exchange is RST and two figures indicating age, ladies to send 00. The Spanish URE RTTY Contest is scheduled to start on Saturday the 19th June at 1600 and runs for 24 hours. Use 45.5 bauds and 170Hz shift. See June RadCom page 16 for information.

Now some VHF contest news:

The RSGB 50MHz Trophy Single and Multi-Operator Contest takes place next Sunday the 13th of June from 0900 to 1700GMT. The RSGB 432MHz FM Fixed and Open Contest is on Saturday the 19th of June from 1800 to 2200GMT. Also the RSGB 70MHz CW Contest is on Sunday the 20th of June from 0800 to 1100GMT. Please note, this event does not take place on the 7th as printed in February's RadCom. Details for all three are to be found in February RadCom on page 66.

And now the solar factual data

The period 24th to 30th May has seen a reasonable increase in solar activity, with some quiet geomagnetic levels giving improved HF band conditions. Sporadic E has been reported on both 10 and 6 metres. Three small M type flares were reported, the largest being an M1.4/SF on the 28th. Sunspot counts climbed from 34 on the 24th up to 130 by the 29th giving a mean of 95 for the period. Solar flux levels have also increased reaching 140 units on the 30th, with the period averaging 117 units. The geomagnetic Ap indices were very quiet at first, being down to only 1 on the 25th, but rose to the very unsettled level of 21 units by the 27th, together with a considerable decline in HF band conditions. The period averaged 9.2 units. The state has been 'nil nothing to report' throughout the period. The data on radio quality indices are not all to hand due to the holiday. For the period 24th to 27th May levels increased well above normal up to very good, with the Tokyo and Fort Collins Boulder circuits being up to excellent. With the increase of geomagnetic levels on the 27th, the radio quality indices fell to well below normal. The daily average aa indices, as supplied by the British Geological Survey for the period 18th to 24th May, were down to quiet levels of only 11.4 nanoTeslas, K2, with the 24th being very quiet at only 5.8 nanoTeslas, K1. The X-ray flux has risen considerably reaching B4.9 on the 27th and averaging B3.7 for the period.

Now the ionospheric data for Central France:

This week, due to the holiday, not all the data is to hand. The F2 daytime critical frequencies at Poitiers as reported by Meudon for the 24th to the 27th of May rose to quite high levels, reaching 9.4MHz on the 26th and averaging 8.7MHz for the period. The darkness hour lows have not changed much and averaged 4.9MHz.

Now the ionospheric data for the north:

The F2 daytime critical frequencies at Ekaterinberg for the 23rd to 27th May averaged 7.6MHz and the lows 5.8MHz.

And now the solar forecast:

This week, one of the quieter parts of the sun will be looking our way. Solar

flux levels are expected to be about the 110s. Based on the radio quality
indices, the HF bands should be around normal but the passage of an old but
rather large coronal hole may give some magnetic disturbance later in the
week. The Lyrids meteor shower is expected from the 4th to the 12th June. And
finally, Nikola Tesla's dream has come true. A series of far reaching
experiments in the Space Power Systems project has now shown that very large
amounts of usable power can be transmitted at microwaves, using Wireless Power
Transmission Technology. In one test 30 kilowatts was passed using a frequency
of 2.45GHz which was converted to DC with an efficiency of 82%. Recently an
aircraft used for communication purposes was controlled, and kept at the high
altitude of 70,000 feet indefinitely, powered by microwaves. Tesla was rather
ahead of his time in 1912 when he tried to do it on Long Island.

And that is the end of the propagation information.

Finally in the main news, SSL has informed the Society that as of last
Wednesday morning, the latest callsigns issued were in the G0 Tango Tango and
G7 Oscar Whiskey series, and Novice calls in the 2 0 Alpha Foxtrot and 2 1
Bravo X-ray series.

You're listening to GB2RS, the news broadcasting service of the Radio Society
of Great Britain, transmitting in the 80, 40, 6 and 2 metre bands.

Date: 7 Jun 93 04:04:23 GMT
From: news-mail-gateway@ucsd.edu
Subject: TAPR 1.1.3 upgrade info?
To: packet-radio@ucsd.edu

Our university radio club has a TNC with 1.1.3 firmware. I gather that I
need to perform a modification of sorts to the tnc before I can upgrade
to any higher version. Can anyone point me towards where I might find info
regarding this modification? Any help would be greatly appreicated!

Tim Czerwonka, WO9U, timc@cs.wisc.edu
President, Badger Amateur Radio Society, W9YT

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                   608-255-1670
   Aack! Ppfft!   608-262-1142

End of Packet-Radio Digest V93 #158
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